


ACKNOWLEDGEMENT RECEIPT

Electronic Version 1.1

Stylesheet Version v1.1.1

Title of Invention	METHOD AND APPARATUS OF BACKGROUND SUPPRESSION IN MR IMAGING USING SPIN LOCKING																																																																		
Submission Type :	Utility Patent Filing																																																																		
Application Number:	10/711169																																																																		
EFS ID:	67617																																																																		
Server Response:	<table border="1"> <thead> <tr> <th>Confirmation Code</th> <th>Message</th> </tr> </thead> <tbody> <tr> <td>ISVR1</td> <td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td> </tr> <tr> <td>ICON1</td> <td>5168</td> </tr> <tr> <td>USPTOEFSNot</td> <td>For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number:1(866) 217-9197 Website: http://www.uspto.gov/ebc/</td> </tr> <tr> <td>IGEN77</td> <td>Filename= N/A BusinessRule= The access code is not included which allows for automated processing of fees from the deposit account. #Supporting Msg:Either <us-access-code> not found in fee-xml OR actual access code not provided in the function call.</td> </tr> </tbody> </table>			Confirmation Code	Message	ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application	ICON1	5168	USPTOEFSNot	For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number:1(866) 217-9197 Website: http://www.uspto.gov/ebc/	IGEN77	Filename= N/A BusinessRule= The access code is not included which allows for automated processing of fees from the deposit account. #Supporting Msg:Either <us-access-code> not found in fee-xml OR actual access code not provided in the function call.																																																						
Confirmation Code	Message																																																																		
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application																																																																		
ICON1	5168																																																																		
USPTOEFSNot	For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number:1(866) 217-9197 Website: http://www.uspto.gov/ebc/																																																																		
IGEN77	Filename= N/A BusinessRule= The access code is not included which allows for automated processing of fees from the deposit account. #Supporting Msg:Either <us-access-code> not found in fee-xml OR actual access code not provided in the function call.																																																																		
First Named Applicant:	Gregory Zaharchuk																																																																		
Attorney Docket Number:	GEMS0801.225																																																																		
Timestamp:	2004-08-30 14:44:10 EDT																																																																		
From:	US																																																																		
File Listing:	<table border="1"> <thead> <tr> <th>Doc. Name</th> <th>File Name</th> <th>Size (Bytes)</th> <th>Date Produced (yyyymmdd)</th> </tr> </thead> <tbody> <tr> <td>us-request</td> <td>submit-usrequ.xml</td> <td>1904</td> <td>2004-08-30</td> </tr> <tr> <td>us-request</td> <td>us-request.dtd</td> <td>19064</td> <td>2004-08-30</td> </tr> <tr> <td>us-request</td> <td>us-request.xml</td> <td>33904</td> <td>2004-08-30</td> </tr> <tr> <td>us-fee-sheet</td> <td>submit-usfees.xml</td> <td>1571</td> <td>2004-08-30</td> </tr> <tr> <td>us-fee-sheet</td> <td>us-fee-sheet.xml</td> <td>24912</td> <td>2004-08-30</td> </tr> <tr> <td>us-fee-sheet</td> <td>us-fee-sheet.dtd</td> <td>11069</td> <td>2004-08-30</td> </tr> <tr> <td>application-body</td> <td>PatApp-ABX.xml</td> <td>38670</td> <td>2004-08-30</td> </tr> <tr> <td>application-body</td> <td>application-body.dtd</td> <td>49498</td> <td>2004-08-30</td> </tr> <tr> <td>application-body</td> <td>image1.tif</td> <td>820603</td> <td>2004-08-30</td> </tr> <tr> <td>application-body</td> <td>image2.tif</td> <td>820603</td> <td>2004-08-30</td> </tr> <tr> <td>application-body</td> <td>image3.tif</td> <td>820603</td> <td>2004-08-30</td> </tr> <tr> <td>application-body</td> <td>soamsa.ent</td> <td>5191</td> <td>2004-08-30</td> </tr> <tr> <td>application-body</td> <td>soamsb.ent</td> <td>3988</td> <td>2004-08-30</td> </tr> <tr> <td>application-body</td> <td>soamsc.ent</td> <td>1460</td> <td>2004-08-30</td> </tr> <tr> <td>application-body</td> <td>soamsn.ent</td> <td>5620</td> <td>2004-08-30</td> </tr> </tbody> </table>			Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)	us-request	submit-usrequ.xml	1904	2004-08-30	us-request	us-request.dtd	19064	2004-08-30	us-request	us-request.xml	33904	2004-08-30	us-fee-sheet	submit-usfees.xml	1571	2004-08-30	us-fee-sheet	us-fee-sheet.xml	24912	2004-08-30	us-fee-sheet	us-fee-sheet.dtd	11069	2004-08-30	application-body	PatApp-ABX.xml	38670	2004-08-30	application-body	application-body.dtd	49498	2004-08-30	application-body	image1.tif	820603	2004-08-30	application-body	image2.tif	820603	2004-08-30	application-body	image3.tif	820603	2004-08-30	application-body	soamsa.ent	5191	2004-08-30	application-body	soamsb.ent	3988	2004-08-30	application-body	soamsc.ent	1460	2004-08-30	application-body	soamsn.ent	5620	2004-08-30
Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)																																																																
us-request	submit-usrequ.xml	1904	2004-08-30																																																																
us-request	us-request.dtd	19064	2004-08-30																																																																
us-request	us-request.xml	33904	2004-08-30																																																																
us-fee-sheet	submit-usfees.xml	1571	2004-08-30																																																																
us-fee-sheet	us-fee-sheet.xml	24912	2004-08-30																																																																
us-fee-sheet	us-fee-sheet.dtd	11069	2004-08-30																																																																
application-body	PatApp-ABX.xml	38670	2004-08-30																																																																
application-body	application-body.dtd	49498	2004-08-30																																																																
application-body	image1.tif	820603	2004-08-30																																																																
application-body	image2.tif	820603	2004-08-30																																																																
application-body	image3.tif	820603	2004-08-30																																																																
application-body	soamsa.ent	5191	2004-08-30																																																																
application-body	soamsb.ent	3988	2004-08-30																																																																
application-body	soamsc.ent	1460	2004-08-30																																																																
application-body	soamsn.ent	5620	2004-08-30																																																																

Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)
application-body	soamso.ent	1934	2004-08-30
application-body	soamsr.ent	7073	2004-08-30
application-body	soibox.ent	3568	2004-08-30
application-body	soicyr1.ent	5345	2004-08-30
application-body	soicyr2.ent	2504	2004-08-30
application-body	sodia.ent	1508	2004-08-30
application-body	sogrk1.ent	4030	2004-08-30
application-body	sogrk2.ent	2259	2004-08-30
application-body	sogrk3.ent	3559	2004-08-30
application-body	sogrk4.ent	1920	2004-08-30
application-body	solat1.ent	5282	2004-08-30
application-body	solat2.ent	9007	2004-08-30
application-body	somfrk.ent	4553	2004-08-30
application-body	somopf.ent	2571	2004-08-30
application-body	somscr.ent	4628	2004-08-30
application-body	sonum.ent	5913	2004-08-30
application-body	sopub.ent	6621	2004-08-30
application-body	sotech.ent	5268	2004-08-30
application-body	mathml2.dtd	54588	2004-08-30
application-body	mathml2-qname-1.mod	13225	2004-08-30
application-body	mmaliases.ent	38209	2004-08-30
application-body	mmlextra.ent	7901	2004-08-30
application-body	soextblx.dtd	12870	2004-08-30
application-body	us-application-body.xsl	82504	2004-08-30
application-body	wipo.ent	4956	2004-08-30
application-body-pdf-wrap	PatApp-ABX-pdf-wrap.xml	745	2004-08-30
abstract-pdf	PatApp-ABX-abst.pdf	21295	2004-08-30
claims-pdf	PatApp-ABX-clms.pdf	37742	2004-08-30
description-pdf	PatApp-ABX-desc.pdf	87736	2004-08-30
drawings-pdf	PatApp-ABX-draw.pdf	227696	2004-08-30
us-declaration	Dec1.tif	189170	2004-08-30
us-declaration	Dec2.tif	70588	2004-08-30
package-data	submit-pkda.xml	8496	2004-08-30
package-data	package-data.dtd	27025	2004-08-30
package-data	us-package-data.xsl	19283	2004-08-30
Total files size		3640212	

Message Digest:

b700f53c62d4dcb40a7fff6ee1b9de217687d820

Digital Certificate Holder
Name:

cn=Kent Lawrence
Baker,ou=Registered
Attorneys,ou=Patent and
Trademark
Office,ou=Department of
Commerce,o=U.S.
Government,c=US